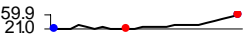


SWP Water Quality Summary

January 18 through February 10, 2007

Total Dissolved Solids: This month's data show TDS decreasing significantly at all stations except at Devil Canyon and Barker Slough and they increased from 270 to 302 and 189 to 206 mg/L. Nevertheless, TDS at all locations remained below Article 19 Monthly Average Objective of 440 mg/l. The highest concentration of 327 mg/l occurred at Check 41, while Barker Slough had the lowest concentration at 206 mg/L. At Banks Pumping Plant (BPP), TDS decreased from 312 mg/l on January 18 to 254 mg/L on February 10, 2007.

Bromide: Concentrations exceeded the CBDA Objective of 0.05 mg/L at all locations and they ranged from 0.13 to 0.29 mg/L. Check 41 had the highest concentration of 0.29 mg/L while the lowest concentration of 0.13 mg/l occurred at Barker Slough on February 10, 2007. Concentrations at BPP decreased from 0.28 mg/L to 0.20 mg/L as of February 10, 2007.

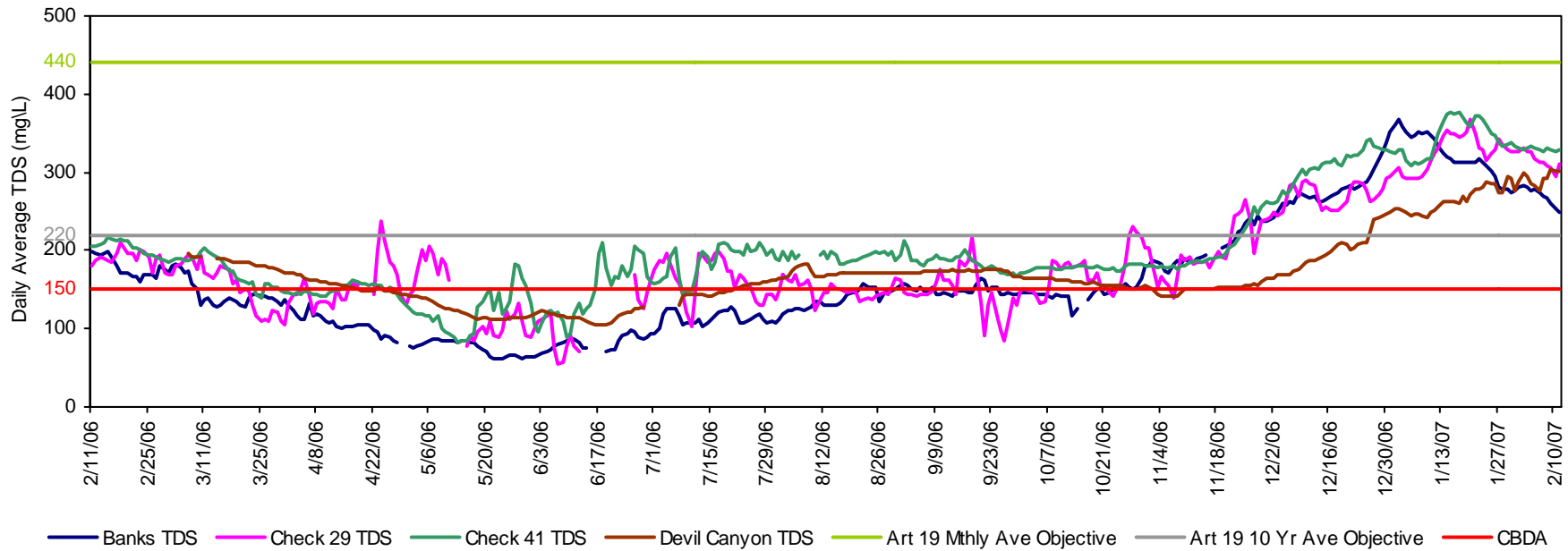
Turbidity: Turbidity decreased at all locations except at Devil Canyon and Barker Slough, where they increased from 1 to 2 NTU and 22 to 60 NTU, respectively. The greatest increase of 48 NTU and the highest concentration of 60 NTU both occurred at Barker Slough . This spike in turbidity at Barker Slough was due to the recent rainfall. Turbidity at BPP decreased from 10 NTU on January 18 to 6 NTU on February 10, 2007 but spiked to 31 NTU on January 22, 2007 due to sustained high wind during the third week of January, 2007.

Dissolved Organic Carbon: Concentrations were above the CALFED TOC Objective of 3.0 mg/l at all locations. The highest concentrations of 4.3 mg/l occurred at Check 13, followed by BPP with 4.0 mg/L then Edmonston with 3.6 mg/L.

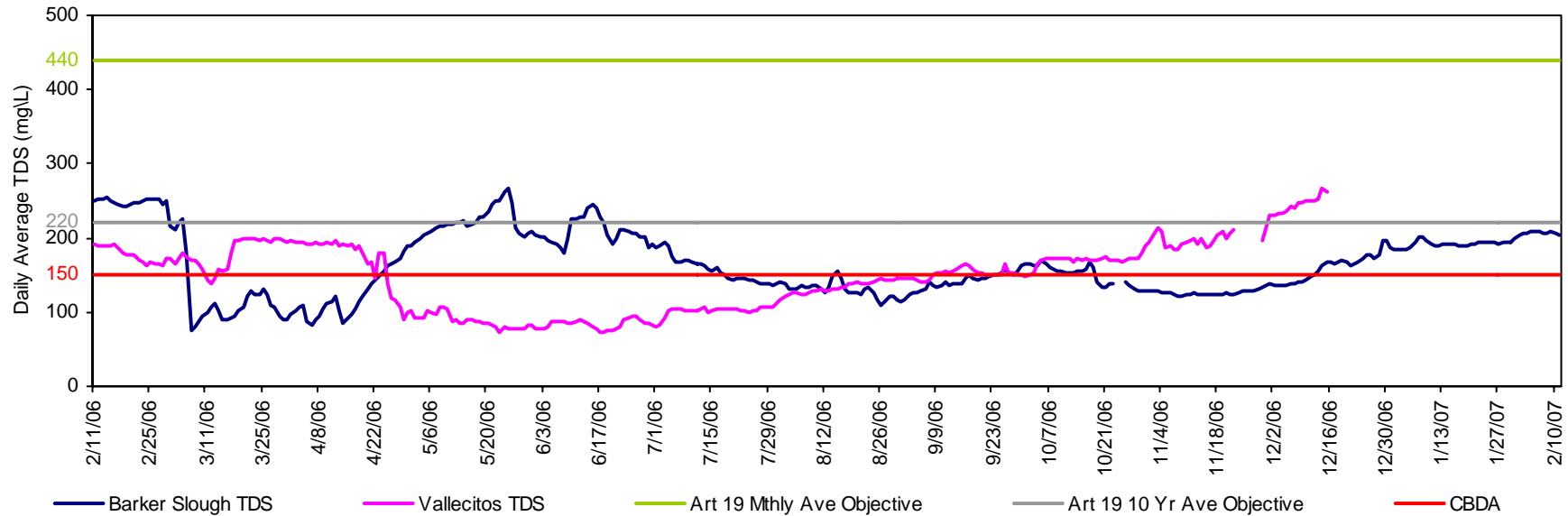
Taste and Odor Compounds: MIB and geosmin values remained low since December 2006, at SBA stations, San Luis Reservoir, Pacheco Pumping Plant, Check 13, Clifton Court, BPP and Lake Del Valle Outlet and they range from non detect to 8 ng/L.

***Note:** Data from Vallecitos appear to have remained within the reporting range for TDS, bromide and turbidity; however, there was a cell phone malfunction that is being repaired.

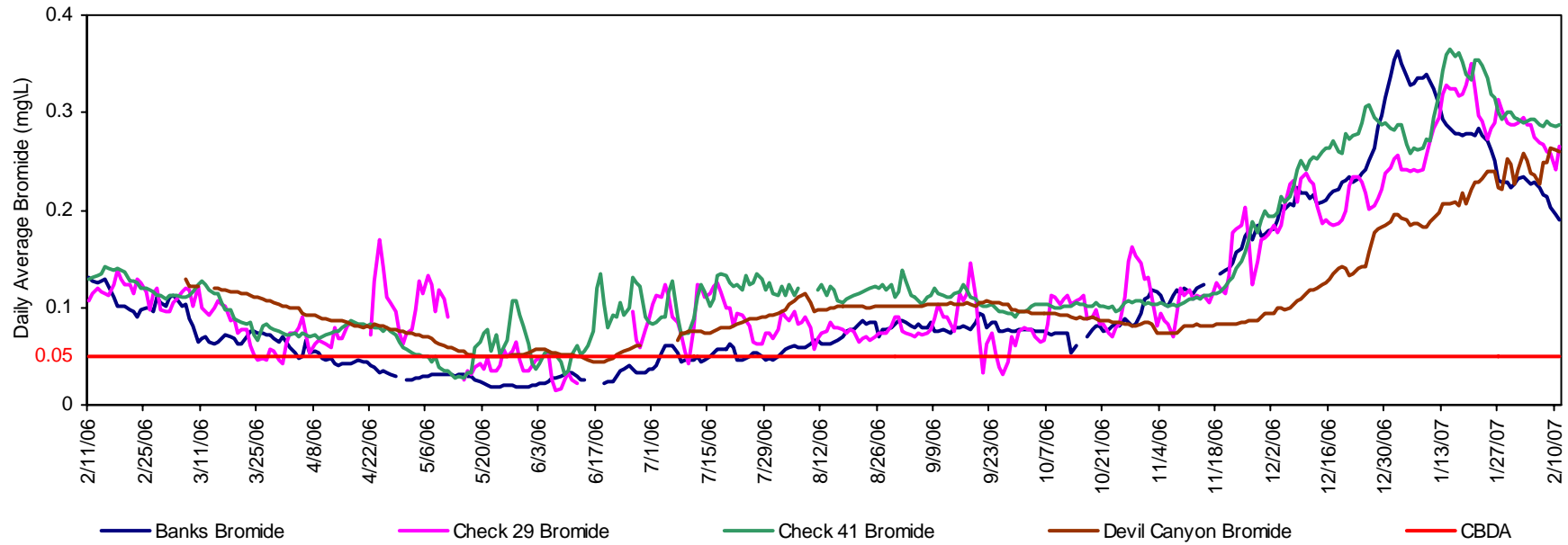
California Aqueduct - Calculated Total Dissolved Solids



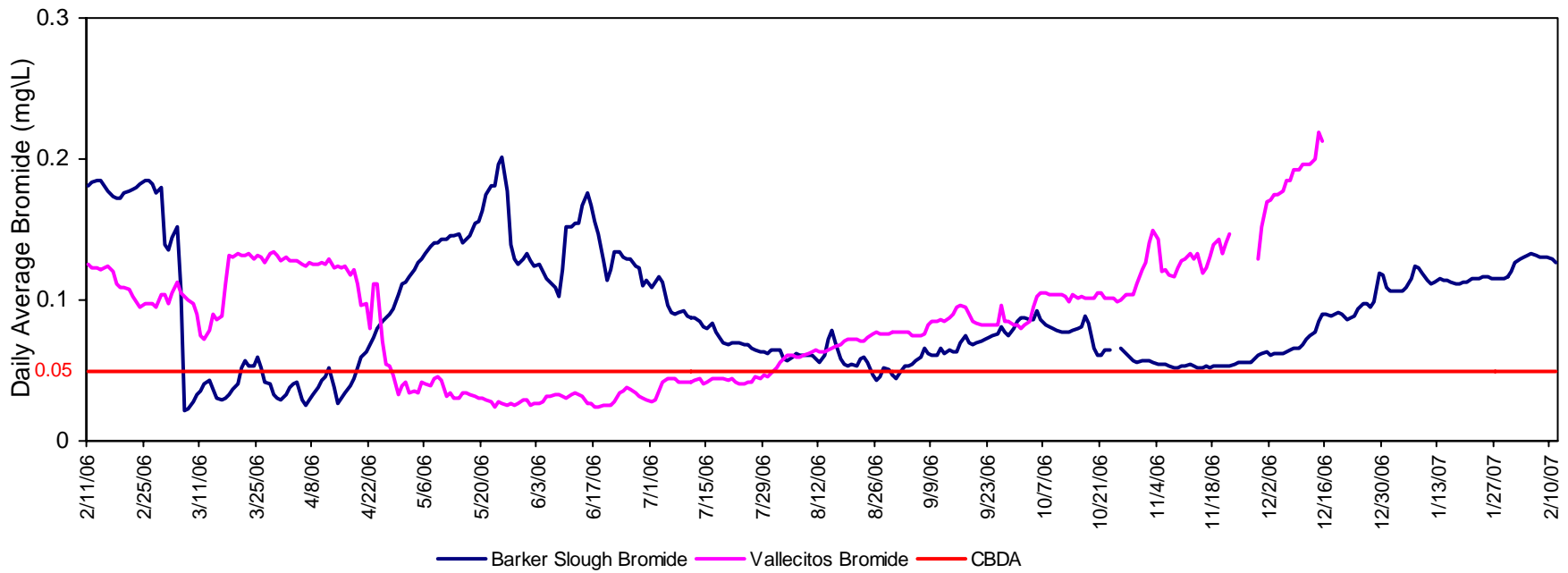
North and South Bay Aqueduct - Calculated Total Dissolved Solids



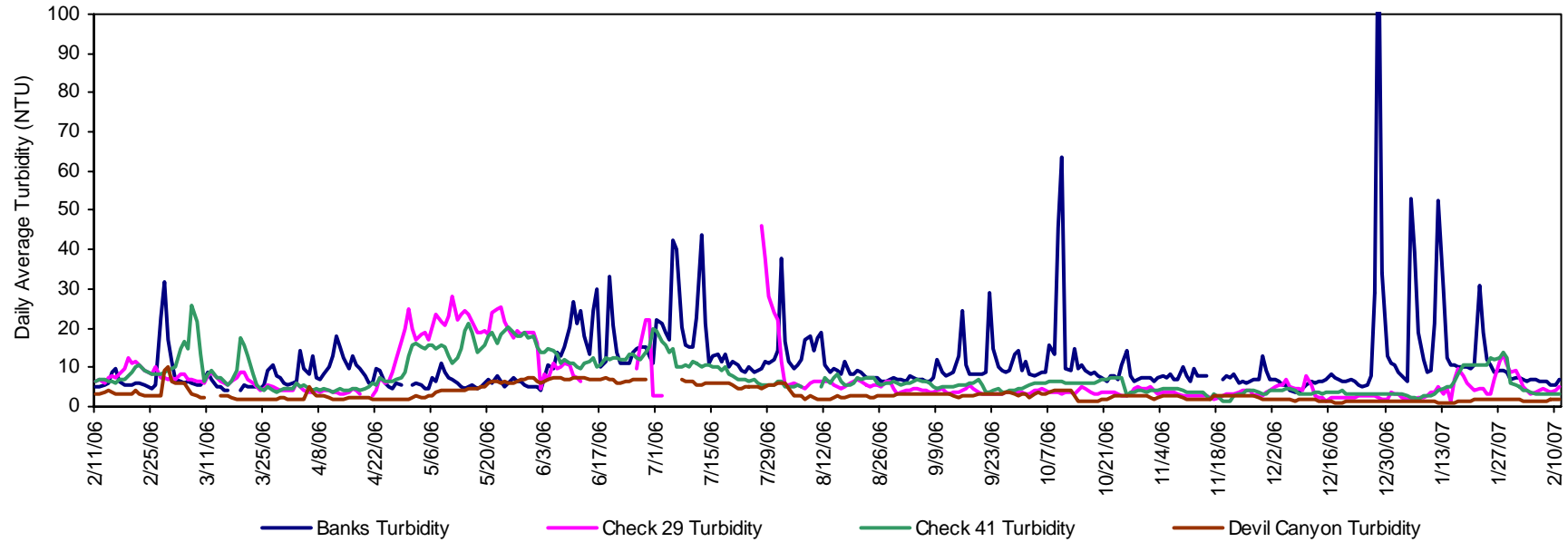
California Aqueduct - Calculated Bromide



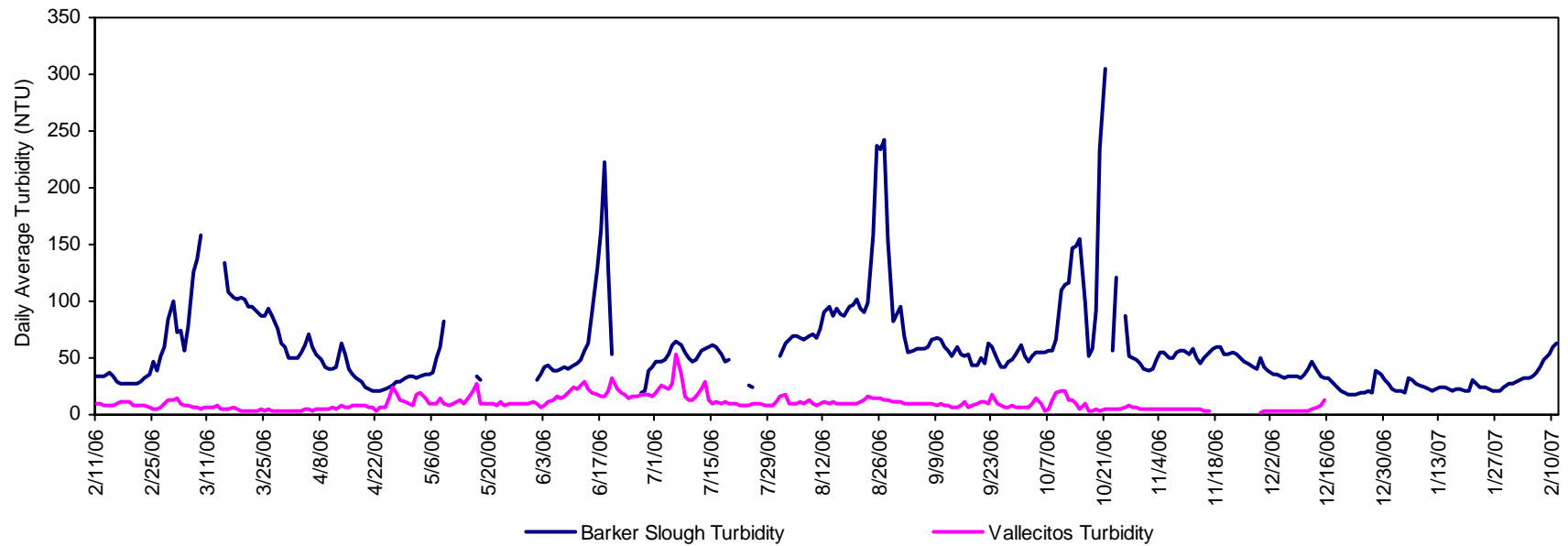
North and South Bay Aqueduct - Calculated Bromide



California Aqueduct - Turbidity



North and South Bay Aqueduct - Turbidity



California Aqueduct Calculated Dissolved Organic Carbon

